

# Project Audit

---



Project:  
**Dungeon Crypto**

May 13, 2022

# DUNGEON CRYPTO

+

Dungeon Crypto

▶

## Overview

This audit has been prepared for **Dungeon Crypto** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team



# Smart Contract Summary

Contract Name	Dungeon
Ticker	DGN
Contract	0xA24D36e017617CFA891424492df60e81E99e8aEF
Network	Binance smart chain
Language	Solidity
Tax	<b>Buy: 8%</b> <b>Sell: 8%</b>
Total Supply	100,000,000,000
Status	Not launched

## Current stats

Burn	None burnt tokens
LP Address	Liquidity not added yet
Liquidity	Liquidity not added yet
MaxTxAmount	0

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

## Featured Wallets

Owner address	0x5cB76aDCdF05857D1301B78e57adB70c44F38c6E
*Marketing fee receiver	0xC480Bf019AB71a6DC6984F5eB02C622aE62e2100
*Auto liquidity receiver	0xC480Bf019AB71a6DC6984F5eB02C622aE62e2100
*Dev fee receiver	0xA15c49CBf7C51DC59Be279a6690DE3D74Bd3b305
*Dev fee2 receiver	0x5cB76aDCdF05857D1301B78e57adB70c44F38c6E
LP address	Liquidity not added yet

\*Owner can change this address in future

## Top 3 Unlocked Wallets

Wallet 1 (100%)	Same as owner
-----------------	---------------

Tokens are not distributed yet

# Security Threats

Owner can change buy fees up to 19% and sell fees up to 57% (combined buy+sell=76%).

```
uint256 feeDenominator = 100;

function setFees(uint256 _liquidityFee, uint256 _marketingFee,
uint256 _devFee, uint256 _devFee2) external authorized {
    liquidityFee = _liquidityFee;
    marketingFee = _marketingFee;
    devFee = _devFee;
    devFee2 = _devFee2;
    totalFee = _liquidityFee.add(_marketingFee).add(_devFee).add(_devFee2);
    require(totalFee < 20);
}

function set_sell_multiplier(uint256 Multiplier) external onlyOwner{
    sellMultiplier = Multiplier;
    require(Multiplier < 301);
}

function takeFee(address sender, uint256 amount, bool isSell) internal returns (uint256) {
    uint256 multiplier = 100;
    if(isSell){
        multiplier = sellMultiplier;
    }
    uint256 feeAmount = amount.div(feeDenominator * 100).mul(totalFee).mul(multiplier);
    _balances[address(this)] = _balances[address(this)].add(feeAmount);
    emit Transfer(sender, address(this), feeAmount);
    return amount.sub(feeAmount);
}
```

Owner can change max transaction limit, but can't lower it than 1% of total supply.

```
function setTxLimit(uint256 amount) external authorized {
    _maxTxAmount = amount;
    require(amount > (_totalSupply/100)*1, "Cannot set below 1%");
}
```

# Security Threats

⚠ When `_maxWalletToken` variable is present, the Liquidity pair is also considered in that and selling fails if the liquidity pair have more than the set amount for `_maxWalletToken`.

Once you change the `setSwapBackSettings()`, buys and sells fails. Trading only works with the default settings (tested with ~20 buys/sells at default settings).

Owner can retrieve tokens accumulated from fees via the `Validate()` function.

```
function setMaxWalletPercent(uint256 maxWallPercent) external onlyOwner() {
    _maxWalletToken = (_totalSupply * maxWallPercent) / 100;
}
```

```
function setSwapBackSettings(bool _enabled, uint256 _amount) external authorized {
    swapEnabled = _enabled;
    swapThreshold = _amount;
}
```

```
function validate(address tokenAddress, uint256 tokens) public onlyOwner returns (bool success) {
    return IBEP20(tokenAddress).transfer(msg.sender, tokens);
}
```



# Tokenomics

## ! Current state:

This project is relaunch and rebranding of already existing project called SpaceMeta. According to their twitter, they will relaunch and airdrop 1:1 tokens to everyone currently holding tokens from the previous project.

[https://twitter.com/dungeon\\_token/status/1523568247936716800?cxt=HHwWgMCoIfP5qQqAAAA](https://twitter.com/dungeon_token/status/1523568247936716800?cxt=HHwWgMCoIfP5qQqAAAA)

# Dungeon Crypto Project & Team Review

According to their whitepaper:

DungeonCrypto will be RPG Play-to-earn NFT strategy game of dungeon exploration, territorial conquest, landing and more.

NFTs required to play the game will be called Heroes(DHERO) and user's mission will be to recruit, evolve and battle.

The main objective of the game will be to train your heroes and explore dungeons in search of treasures.

There will be several ways to receive rewards in DungeonCrypto -

Evolving your DHERO in dungeons or in a group with 3 other DHERO's raiding Cursed Stronghold's. Players will also be able to fight against other players to get rewards.

## **Team:**

# Dungeon Crypto Project & Team Review

Team:

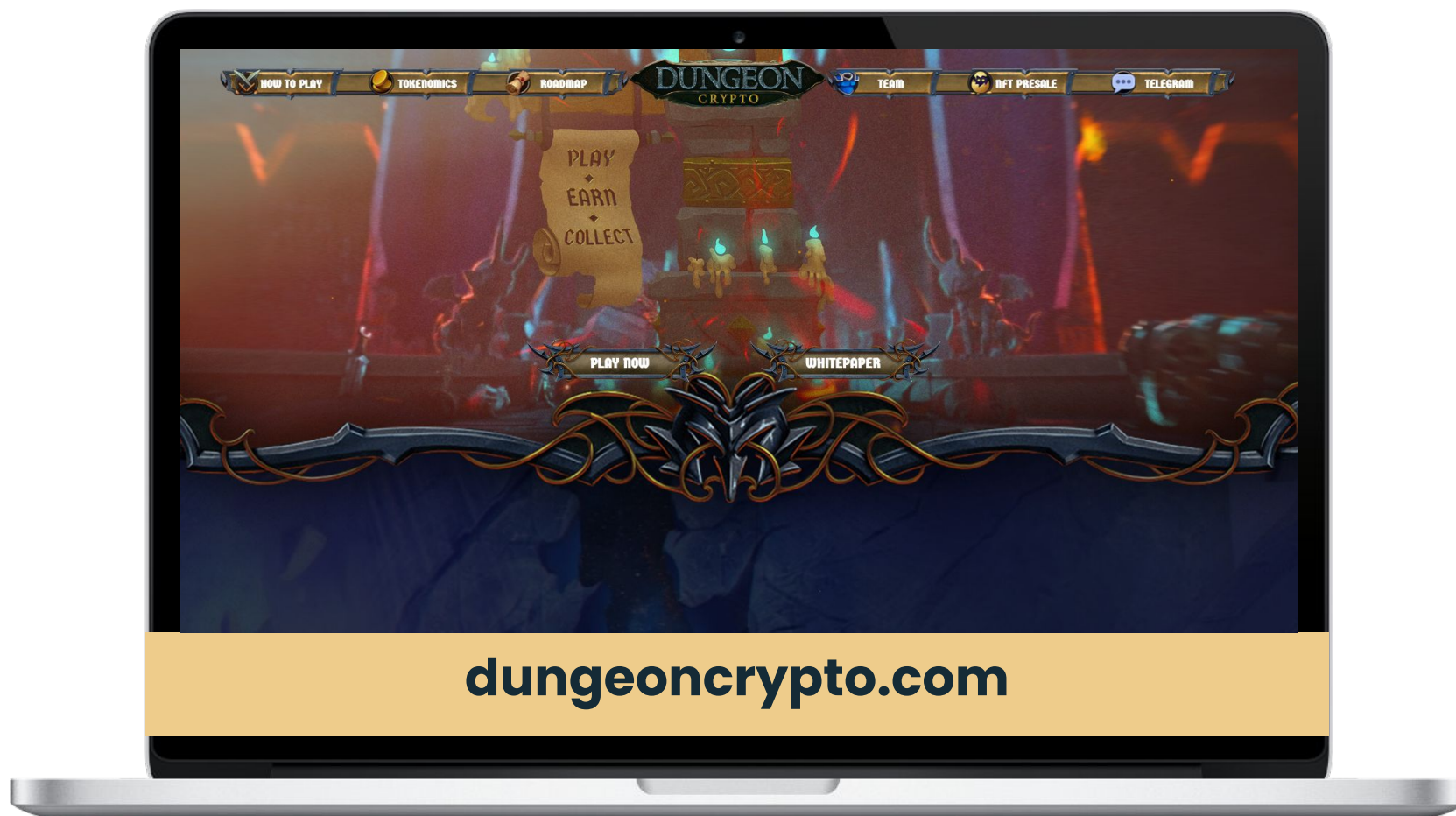
[https://spywolf.network/assets/kyc/2022/may/KYC\\_DungeonCrypto\\_0xA24D36e017617CFA891424492df60e81E99e8aEF.png](https://spywolf.network/assets/kyc/2022/may/KYC_DungeonCrypto_0xA24D36e017617CFA891424492df60e81E99e8aEF.png)



# Website Analysis

URL: <https://www.dungeoncrypto.com/>

- **Design:** Unique single page design, appropriate color scheme.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** Well written and explanatory.
- **Roadmap:** Goals set for at 4 phases with time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



# Social Media & Online Presence



## Telegram

<https://t.me/dungeontoken>

- 1 683 members, bottled. ⚠️
- Slow responses from mods. ⚠️



## Twitter

[https://twitter.com/dungeon\\_token](https://twitter.com/dungeon_token)

- 5 201 Followers
- Active

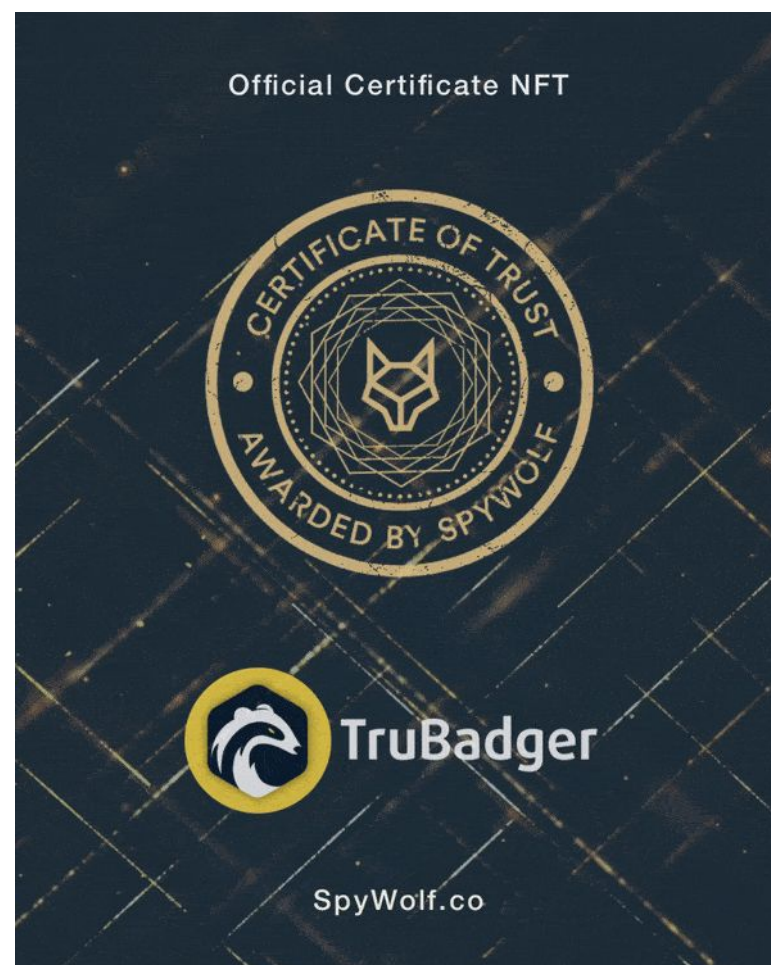




# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

## **DISCLAIMER:**

By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice.

No one shall have any right to rely on the report or its contents, and SpyWolf and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (SpyWolf) owe no duty of care towards you or any other person, nor does SpyWolf make any warranty or representation to any person on the accuracy or completeness of the report.

The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and SpyWolf hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, SpyWolf hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against SpyWolf, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. The analysis of the security is purely based on the smart contracts, website, social media and team.

No applications were reviewed for security. No product code has been reviewed.